

Total Station Data retrieval and removal sequence

File Conversion: Nikon Nivo total station saves in .job format. For data to be in familiar usable format this data will need to be converted to other formats.

1. Power on Nikon Nivo C-Series total station by pressing the red button right of the main screen
2. Use the stylus to double tap on the Survey Pro icon to start the program
3. Tap on the green circle with inscribed “x” to go to the Quick shot Menu (there is no need to level the total station since we are only converting data already collected).
4. In the Quick shot menu, tap on the large folder icon to open an existing file
5. Select and highlight the desired file, tap “open”. You will be back in the Quick shot menu
6. Tap the green circle with the inscribed “x”
7. Select “Export”
 - a. Select desired export format (.txt for text format or .csv for excel format); select next
 - b. Select down triangle to open the options and “select all points”; select next
 - c. Specify coordinate system (default is “plane” this is fine); select next
 - d. Leave default setting. “Name, Northing, Easting, elevation, Description”; select finish
8. Save As menu
 - a. Select final destination and name of the file; select inscribed check in green circle.

Data Retrieval (2 options)

Option 1 USB based memory device transfer (recommended)

1. Power on Nikon Nivo C-Series total station by pressing the red button right of the main screen
2. Use the stylus to double tap on the “My Device” icon
3. Insert USB based (2.0 or 3.0) device into the female port located on the side of the total station (see figure)
 - a. Wait for the device to appear as “Hard Disk”
4. Double tap “Survey Pro Jobs”
 - a. Locate converted file
 - b. Tap and hold file until a separate option window appears; select copy
5. Use the back arrow to return to previous folder
 - a. Double tap “Hard Disk” folder to view USB based memory device contents
 - b. Open desired destination folder
 - c. Tap and hold the white space until an option window appears; select paste
6. Repeat for multiple files if needed
7. When data transfer is complete, select the “x” in the upper right corner to exit.
8. Remove USB memory device.

Option 2 *Direct Computer USB transfer (NOT RECOMMENDED)*

1. Attach micro-USB cable to female port on total station (see figure) and USB 2.0 male end to computer
2. For Windows
 - a. Allow for computer to recognize and sync with the total station
 - b. After a successful connection open “My Computer” on the computer

- i. Open portable devices "Nikon..."
 - ii. Open memory disk folder
 - iii. Open survey pro jobs
 - iv. Locate and select desired files
3. Drag and drop or use copy and paste function to transfer data to desired location
4. When finished; locate USB icon (lower right) on computer desktop toolbar.
 - a. Right click on icon to "Eject WindowsCE.NET..."
 - i. Unplug USB cables when "safe to remove hardware" message appears.



Deleting Data

1. Power on Nikon Nivo C-Series total station by pressing the red button right of the main screen
2. Use the stylus to double tap on the "My Device" icon
3. Double tap "Survey Pro Jobs"
 - a. Tap, hold on white space, and drag to create a selection box to highlight multiple files.
 - b. Tap and hold the highlighted files for an option window to appear; select delete